



Form 1449*

Atty. Docket No.: 723.018US1

Serial No. 09/932141

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

Applicant: Kari Parmer et al.

(Use several sheets if necessary)

Filing Date: August 17, 2001

Group: 3732

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>AMV</i>	1,129,333	02/23/1915	Clarke, R.H.			06/27/14
	3,135,263	06/02/1964	Connelley, Jr., T.J.	128	303	10/05/60
	3,223,087	12/14/1965	Vladyka, V., et al.	128	303.13	06/18/60
	3,402,710	09/24/1968	Paleschuck, M.	128	1	06/27/66
	3,444,861	05/20/1969	Schulte, R.R.	128	350	03/15/66
	3,508,552	04/28/1970	Hainault, M.	128	303	10/23/65
	3,760,811	09/25/1973	Andrew, D.E.	128	351	01/20/71
	4,230,117	10/28/1980	Anichkov, A.D.	128	303 B	10/25/78
	4,328,813	05/11/1982	Ray, C.D.	128	791	10/20/80
	4,341,220	07/27/1982	Perry, J.H.	128	630	04/13/79
	4,350,159	09/21/1982	Gouda, K.I.	128	303 B	02/29/80
	4,386,602	06/07/1983	Sheldon, C.H., et al.	128	4	05/17/77
	4,463,758	08/07/1984	Patil, A.A., et al.	128	303 B	09/18/81
	4,475,550	10/09/1984	Bremer, P.W., et al.	128	303 B	03/30/82
	4,608,977	09/02/1986	Brown, R.A.	128	303 B	12/20/82
	4,617,925	10/21/1986	Laitinen, L.V.	128	303 B	09/28/84
	4,618,978	10/21/1986	Cosman, E.R.	378	164	10/21/83
	4,638,798	01/27/1987	Shelden, C.H., et al.	128	303 B	09/10/80
	4,706,665	11/17/1987	Gouda, K.I.	128	303 B	12/17/84
	4,733,661	03/29/1988	Palestrant, A.M.	128	303 B	04/27/87
	4,805,615	02/21/1989	Carol, M.P.	128	303 B	07/02/85
	4,805,634	02/21/1989	Ullrich, G.J., et al.	128	748	06/04/87
	4,809,694	03/07/1989	Ferrara, V.L.	128	303 B	03/19/87
	4,826,487	05/02/1989	Winter, A.	604	175	05/04/87
	4,955,891	09/11/1990	Carol, M.P.	606	130	10/22/87
	4,991,579	02/12/1991	Allen, G.S.	128	653 R	11/10/87
	4,998,938	03/12/1991	Ghajar, J.B., et al.	606	130	06/09/88
	5,006,122	04/09/1991	Wyatt, R.J., et al.	606	130	09/20/90
	5,027,818	07/02/1991	Bova, F.J., et al.	128	653.00 R	05/18/89
	5,050,608	09/24/1991	Watanabe, E., et al.	128	653 R	09/04/90
	5,054,497	10/08/1991	Kapp, J.P., et al.	128	748	02/21/90
	5,057,084	10/15/1991	Ensminger, W.D., et al.	604	167	03/01/90
	5,078,140	01/07/1992	Kwoh, Y.S.	128	653.1	09/23/86
	5,080,662	01/14/1992	Paul, K.S.	606	130	11/27/89
	5,116,345	05/26/1992	Jewell, B., et al.	606	130	11/28/90
	5,154,723	10/13/1992	Kubota, T., et al.	606	130	01/21/92
	5,163,430	11/17/1992	Carol, M.P.	128	653.1	04/27/90
	5,186,174	02/16/1993	Schlondorff, G., et al.	128	653.1	01/29/90
	5,207,223	05/04/1993	Adler, J.R.	128	653.1	10/19/90
	5,207,688	05/04/1993	Carol, M.P.	606	130	10/31/91
<i>AMV</i>	5,222,499	06/29/1993	Allen, G.S., et al.	128	653.1	03/26/92

Examiner

Date Considered

6/25/03

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 3

Form 1449*	Atty. Docket No.: 723.018US1	Serial No. 09/932,441
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Kari Parmer et al.	
	Filing Date: August 17, 2001	Group: 3732

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date Appropriate
AW	5,230,623	07/27/1993	Gutherie, B.L., et al.	433	72	12/10/91
	5,246,448	09/21/1993	Chang, H.	606	130	05/15/92
	5,257,998	11/02/1993	Ota, K., et al.	606	130	06/30/92
	5,263,956	11/23/1993	Nobles, A.A.	606	130	03/04/92
	5,269,305	12/14/1993	Corol, M.	128	653.1	07/15/92
	5,279,309	01/18/1994	Taylor, R.H., et al.	128	782	07/27/92
	5,300,080	04/05/1994	Clayman, D., et al.	606	130	11/01/91
	5,361,763	11/08/1994	Kao, Y., et al.	128	653.2	03/02/93
	5,383,454	01/24/1995	Bucholz, R.D.	128	653.1	07/02/92
	5,387,220	02/07/1995	Pisharodi, M.	606	130	06/15/93
	5,452,720	09/26/1995	Smith, D.O., et al.	128	653.1	08/09/93
	5,464,446	11/07/1995	Dressen, C., et al.	607	116	10/12/93
	5,474,564	12/12/1995	Clayman, D.A., et al.	606	130	04/01/94
	5,483,961	01/16/1996	Kelly, P.J., et al.	128	653.1	08/29/94
	5,494,034	02/27/1996	Schlondorff, G., et al.	128	653.1	06/15/94
	5,517,990	05/21/1996	Kalfas, I.H., et al.	128	653.1	04/08/94
	5,618,288	04/08/1997	Calvo, A.M.	606	130	01/22/96
	5,622,170	04/22/1997	Schultz, W.A.	128	653.1	10/04/94
	5,662,600	09/02/1997	Watson, D.A., et al.	604	8	09/29/95
	5,695,501	12/09/1997	Carol, M., et al.	606	130	09/30/94
	5,776,064	07/07/1998	Kalfas, I.H., et al.	600	414	05/20/96
	5,843,150	12/01/1998	Dressen, C.W., et al.	607	116	10/08/97
	5,851,183	12/22/1998	Bucholz, R.D.	600	425	10/16/95
	5,871,445	02/16/1999	Bucholz, R.D.	600	407	09/07/95
	5,873,822	02/23/1999	Ferre, M.R., et al.	600	407	04/24/96
	5,891,034	04/06/1999	Bucholz, R.D.	600	426	06/07/95
	5,891,157	04/06/1999	Day, J.L., et al.	606	130	04/26/96
	5,927,277	07/27/1999	Baudino, M.D., et al.	128	642	04/28/95
	5,984,930	11/16/1999	Maciunas, R., et al.	606	130	09/30/96
	6,044,304	03/28/2000	Baudino, M.D.	607	116	04/29/98
	6,071,288	06/06/2000	Carol, M., et al.	606	130	12/06/97
	6,076,008	06/13/2000	Bucholz, R.D.	600	427	02/03/99
	6,110,182	08/29/2000	Mowlai-Ashtiani, A.	606	130	06/22/99
	6,117,143	09/12/2000	Hynes, B., et al.	606	130	09/11/98
	6,120,465	09/19/2000	Guthrie, B.L., et al.	600	587	04/24/97
	6,236,875	05/22/2001	Bucholz, R.D., et al.	600	407	10/05/95
	6,261,300	07/17/2001	Carol, M., et al.	606	130	04/20/00

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
AW	0427358	05/15/1991	European	A61B	6/00	

Examiner

Date Considered

6/25/03

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER. Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 3 of 3

Form 1449*	Atty. Docket No.: 723.018US1	Serial No. 09/932,141
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Kari Parmer et al.	
	Filing Date: August 17, 2001	Group: 3732

FOREIGN PATENT DOCUMENTS

Examiner Initial	Invention Number	Date	Country	Class	Subclass	Translation
						Yes
[Signature]	0609085	08/03/1994	European	A61B	19/00	
	88/09151	12/01/1988	PCT	A61B	19/00	
	96/33766	10/31/1996	PCT	A61M	35/02	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	
[Signature]	Drake, J.M., et al., "ISG Viewing Wand System", <u>Neurosurgery</u> , 34 (6), pp. 1094-1097, (June 1994)
[Signature]	Dyer, P.V., et al., "The ISG Viewing Wand: an application to atlanto-axial cervical surgery using the Le Fort I maxillary osteotomy", <u>British Journal of Oral and Maxillofacial Surgery</u> , 33, pp. 370-374, (1995)
[Signature]	Leggett, W.B., et al., "Surgical Technology -- The Viewing Wand: A New System for Three-Dimensional Computed Tomography-Correlated Intraoperative Localization", <u>Current Surgery</u> , pp. 674-678, (Dec. 1991)
[Signature]	Malison, R.T., et al., "Computer-Assisted Coregistration of Multislice SPECT and MR Brain Images by Fixed External Fiducials", <u>Journal of Computer Assisted Tomography</u> , 17 (6), pp. 952-960, (1993)
[Signature]	Oliver, L., "Cup-And-Ball Chemopallidectomy Apparatus", p. 401, (1958)
[Signature]	Sandeman, D.S., et al., "Advances in image-directed neurosurgery: Preliminary experience with the ISG Viewing Wand compared with the Leksell G frame", <u>British Journal of Neurosurgery</u> , 8, pp. 529-544, (199)
[Signature]	Yeh, H., et al., "Implantation of intracerebral depth electrodes for monitoring seizures using the Pelorus stereotactic system guided by magnetic resonance imaging", <u>J. Neurosurg.</u> , 78, pp. 138-141, (1993)
[Signature]	Zinreich, S.J., et al., "Frameless Stereotaxic Integration of CT Imaging Data: Accuracy and Initial Applications", <u>Radiology</u> , 188 (3), pp. 735-742, (1993)

Examiner [Signature]	Date Considered 6/25/03
----------------------	-------------------------

*Substitute Disclosure Statement Form (PFO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



COPY OF PAPERS
ORIGINALLY FILED

Sheet 1 of 1

Form 1449*	Atty. Docket No.: 723.018US1	Serial No. 09/932,141
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Kari Parmer et al.	
	Filing Date: August 17, 2001	Group: 3732

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
-----------------------	-----------------	------	------	-------	----------	-------------------------------

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
<i>[Signature]</i>	0832611	04/01/1998	European	A61B	17/34		
<i>[Signature]</i>	19726141	01/28/1999	Germany	A61B	17/56		
<i>[Signature]</i>	97/42870	11/20/1997	PCT	A61B	5/03		

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial

RECEIVED

MAR 5 - 2002

TECHNOLOGY CENTER R3700

Examiner *[Signature]* Date Considered *4/25/03*

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 1 of 2

Complete if Known

Application Number	09/932141
Filing Date	August 17, 2001
First Named Inventor	Parmer, Kari
Group Art Unit	3732
Examiner Name	Robert, Eduardo

Attorney Docket No: 723.018US1

RECEIVED
MAY 15 2003
TECHNOLOGY CENTER R3700
US PATENT DOCUMENTS

Examiner Initials*	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
<i>[Signature]</i>	US-3,457,922	07/29/1969	Ray, Charles D.	128	303	12/13/1966
	US-4,040,427	08/09/1977	Winnie, Alon P.	128	348	04/01/1996
	US-4,345,606	08/24/1982	Littleford, P. O.	128	784	03/24/1980
	US-4,579,120	04/01/1986	MacGregor, David C.	128	784	03/24/1980
	US-4,598,708	07/08/1986	Beranek, William J.	128	303	09/17/1984
	US-4,699,616	10/13/1987	Nowak, George M., et al.	604	180	06/13/1986
	US-4,809,694	03/07/1989	Ferrara, Vincent L.	128	303B	05/19/1987
	US-4,883,053	11/28/1989	Simon, Morris	128	303	04/17/1989
	US-4,998,938	03/12/1991	Jamshid B. G. Ghajar, et al.	A61B	19/00	06/09/1988
	US-5,201,742	04/13/1993	Hasson, Harrieth M.	606	130	04/16/1991
	US-5,279,575	01/18/1994	Sugarbaker, David J.	604	174	08/13/1992
	US-5,366,446	11/22/1994	Tal, Elisha A., et al.	604	110	11/17/1993
	US-5,380,302	01/10/1995	Orth, Michael J.	604	283	02/10/1993
	US-5,464,446	11/07/1995	Dressen, C., et al.	607	116	10/12/1993
	US-5,575,798	11/19/1996	Koultrouvelis, Panos G.	606	130	08/22/1995
	US-5,658,272	08/19/1997	Hasson, Harrieth M.	606	1	02/21/1995
	US-5,667,514	09/16/1997	Heller, James	606	108	12/04/1995
	US-5,713,858	02/03/1998	Heruth, K. T., et al.	604		4/28/1995
	US-5,810,712	09/22/1998	Dunn, Mary E.	600	114	09/27/1996
	US-5,817,106	10/06/1998	Real, D. D.	606	130	05/16/1997
	US-5,833,627	11/10/1998	Shmulewitz, A., et al.	600	562	07/12/1996
	US-5,980,535	11/09/1999	Barnett, G. H., et al.	606	130	09/23/1997
	US-5,993,463	11/30/1999	Truwit, C. L.	606	130	05/14/1998
	US-6,254,532	07/03/2001	Paolitto, A., et al.	600	201	05/21/1999
	US-6,290,644	09/18/2001	Green, Harry L., et al.	600	235	05/04/1999
	US-6,298,262	10/02/2001	Franck, J. I., et al.	600	426	05/01/1901

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
<i>[Signature]</i>	DE-19808220	09/02/1999	Daum, Wolfgang	A61B	17/56	
	DE-19820808	11/25/1999	Fleckenstein, W.	A61B	5/00	
	DE-19826078	08/19/1999	Bracht, J.	A61B	5/03	
	DE-29612100	09/12/1996		A61B	1/018	
	DE-3108766	09/23/1982		A61B	5/00	
	EP-0724865	08/07/1996	Schwember, R. F.	A61B	17/34	
<i>[Signature]</i>	EP-0904741 A2	03/31/1999	Stern, Benjamin, et al.	A61B	19/00	

EXAMINER

DATE CONSIDERED

6/25/03

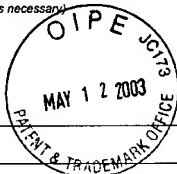
Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 2 of 2

Complete if Known

Application Number	09/932141
Filing Date	August 17, 2001
First Named Inventor	Parmer, Kari
Group Art Unit	3732
Examiner Name	Robert, Eduardo

Attorney Docket No: 723.018US1

RECEIVED
MAY 15 2003
TECHNOLOGY CENTER R3700

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
<i>[Signature]</i>	GB-2329473	03/24/1999	Bertold, Knuttel	G01 R	33/28	
<i>[Signature]</i>	WO-00/01316	01/13/2000	Franklin, Ronald J., et al.			
<i>[Signature]</i>	WO-97/03609	02/06/1997	Paltieli, Y.	A61B	8/00	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>[Signature]</i>		"Advances in image-directed neurosurgery: Preliminary experience with the ISG Viewing Wand compared with the Leksell G frame", <u>British Journal of Neurosurgery</u> , 8, (199),529-544	
<i>[Signature]</i>		"Frameless Stereotaxic Integration of CT Imaging Data: Accuracy and Initial Applications", <u>Radiology</u> , 188 (3), (1993),735-742	
<i>[Signature]</i>		"Surgical Technology -- The Viewing Wand: A New System for Three-Dimensional Computed Tomography-Correlated Intraoperative Localization", <u>Current Surgery</u> , (Dec 1991),674-678	
<i>[Signature]</i>		"The ISG Viewing Wand: an application to atlanto-axial cervical surgery using the Le Fort I maxillary osteotomy", <u>British Journal of Oral and Maxillofacial Surgery</u> , 33, (1995),370-374	
<i>[Signature]</i>		"Fathom Remote Introducer", <u>Image-Guided Neurologics, Inc., CNS Hynes Convention Center</u> , (Oct 30-Nov 4, 1999),2 p.	

EXAMINER

DATE CONSIDERED

6/25/03

Substitute Disclosure Statement Form (PTO-1448)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached